Pranav Abishai Moses

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# Highly motivated Data Science Master's student with a passion for extracting valuable insights from data. Proficient in traditional machine learning and deep learning algorithms, and eager to explore Natural Language Processing, Generative AI, and Transformers to further enhance my analytical toolkit.

# SKILLS

# **Data Analytics Algorithms:** Linear Regression, Logistic Regression, K-Mean, KNN, Decision Tree, Random Forest **Software:** Tableau, TensorFlow, PyTorch, MySQL, Streamlit, ELT tool Data Stage, Master Data Management, Splunk, AppDynamics, Microsoft Office Suite (Excel), vizard7, 3DsMAx, Sketchup, Unity. **Programming Languages:** Python (Intermediate), R (Beginner), Cleaning, Exploratory Data Analysis, Data Mining and Machine Learning **Project Management:** Agile, DevOps

EXPERIENCE

**Operations and Maintenance | Tata Consultancy Services February 2021 – July 2023**

* Managed real-time flow of sensitive customer data for a prominent European bank, adapting to agile operations and effectively responding to dynamic demands.
* Served as Scrum Master, orchestrating collaborative efforts among diverse teams to meet strict project deadlines and proposing efficient solutions to enhance customer data flow.
* Represented the team at Local Change Advisory Board meetings, offering valuable insights for strategic decision-making.
* Mentored three entry-level colleagues, facilitating knowledge transfer on application intricacies, design, and workflow.
* Proficiently utilized tools such as IBM DataStage, MDM, SQL, Linux, and Python, showcasing versatility and adaptability in the banking sector's technological landscape.

# EDUCATION

***University of North Texas*** *| TX* **Expected:May 2025  
Master of Science – Data Science** GPA: 4.00  
***Relevant Coursework:***Data Visualization, Data Analytics, Data Mining, Machine Learning, Data Modeling/Management, Machine Learning, Python Programming, Deep Learning, Big Data for Data Science, Virtual Reality.

***Kakatiya Institute of Technology and Science*** *| India*  **June 2016 - July 2020  
Bachelors – Engineering in Electrical and Electronics** GPA: 3.50  
***Relevant Coursework:***Data Structures and Algorithms, Database Systems, Object Oriented Programming, Engineering Mathematics.

# PROJECTS EXPERIENCES

**Stock Price Prediction Using Machine Learning** [Link](https://group8.streamlit.app/) **November 2023**

* Collaborated with a team of 5 to design a stock market price prediction model using decision tree and random forest algorithms.
* Employed Linear Regression, Random Forest, and Decision Tree techniques to enhance prediction accuracy.
* Successfully deployed a web application using Streamlit to the cloud for accessible user interaction.

**Brain Tumor Classification from MRI Scans Using Deep Learning and Machine Learning       April 2024**

* Leveraged multiple machine learning models like Support Vector Machine, Random Forest, and Naïve Bayes to classify the tumors using image processing.
* Created multiple features from the images using Gabor and Sobel filters.
* Implemented Convolution Neural Network with many layers to process and classify the tumor with 97% accuracy.
* Utilized GPUs to improve the processing speed from 6 hours to 10 minutes.

**Covid Data Analysis in Tableau** [Link](https://public.tableau.com/app/profile/pranav.moses6294/viz/CovidDataAnalysis_17031203809470/Dashboard1) **December 2023**

* Created a dashboard analyzing the covid data globally and country wise.
* Also compared the death tolls of all the pandemics in history with covid.

**Object Avoiding Automatic Vehicle|** *Embedded C, Arduino uno, ultrasonic sensor.* **April 2021**

* Designed an automatic obstacle avoiding vehicle using ultrasonic sensor and an Arduino board.
* The device takes inputs from the ultrasonic sensor in real-time and processes the data accordingly to avoid any obstacles in its path using a code written in embedded C.

# AWARDS & ACHIEVEMENTS

* AWS data certified course
* AWS Cloud Practitioner certified course.
* Received "On the Spot Award" from TCS for playing a crucial part in team building and good performance.

# HOBIES:

* Playing the piano.
* Running.
* Reading books.
* Doodling.